Peak District National Park

Forecast valid from 00:00 on Friday 20 May 2022 until 23:59 on Saturday 21 May 2022

Forecast Issued on Thursday 19 May 2022 at 16:21

Confidence: High for an unsettled and showery spell for each day other than Saturday. Low for detail Monday onward.

Headline for Friday 20 May 2022: A dry start with showers from late morning until the evening.

Mountain weather hazards on Friday 20 May 2022

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
No Likelihood

Thunderstorms
Medium Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
Low Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Cloudy	Light rain	Heavy Rain	Heavy Rain	Cloudy	Cloudy
Precipitation probability							
<05%	<05%	10%	40%	60%	70%	60%	10%

Forecast for Friday 20 May 2022

Weather: Partly cloudy skies through the early hours of Friday, with some clear intervals. Becoming rather cloudy through the morning with showers developing from late morning, these turning heavy into the afternoon at times. Brief sunny intervals are possible between showers, but showers turning more organised, with a risk of hail and thunder later in the afternoon. Showers continuing into the evening but easing around dusk. Partly cloudy but mostly dry overnight.

Chance of cloud-free hill tops above 600m: 90% through the morning, becoming 40% later in the afternoon.

Low cloud and visibility: Good visibility with cloud well above summits initially. Becoming moderate/briefly poor in showers/heavy showers through the afternoon. Cloud bases lowering to 500-600m in organised heavy showers later in the afternoon.

Forecast for Friday 20 May 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/11 SW	12/15 S	13/17 SW	15/20 SW	17/23 SW	19/25 SW	22/29 W	22/30 W	21/28 SW
300	5/6 SW	8/11 S	7/12 S	12/17 SW	13/19 SW	16/23 SW	16/24 W	15/25 SW	14/22 SW
Valley	2/5 SE	3/9 SE	3/11 S	9/16 SW	8/17 SW	9/19 SW	11/24 W	10/23 SW	8/20 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/7	8/6	8/4	8/5	8/5	10/6	9/5	8/4	7/3
300	11/10	10/9	10/8	11/8	11/8	12/10	12/9	11/8	9/6
Valley	10/10	9/8	10/10	12/11	12/11	13/12	12/10	11/9	10/8
Freezing Level*	1700m	1600m	1500m	1500m	1600m	1900m	1800m	1700m	1700m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Showers will likely become heavy through the day leading to temperamental and slippery conditions. Sun protection advised for strong sunshine in between showers and waterproof layers necessary for periods of rain.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Thu 19 May 2022	2mm	3.4mm	4mm

Forecast for Saturday 21 May 2022

Weather: A settled day compared to Friday with early cloud and isolated light showers clearing to hazy sunshine by mid-morning. Turning breezier later in the day but remaining dry with bright spells. Warm.

Maximum wind: Southwesterly 15-20mph gusting to 30-35mph.

Chance of cloud-free hill tops above 600m: 90% throughout.

Low cloud and visibility: Generally very good visibility.

Temperature: **Valleys:** 7 Celsius becoming 11 Celsius
At 600m: 11 Celsius becoming 18 Celsius
Freezing level: Above summits